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In the specification:

A.B.  
9/1/09

Page 1, line <sup>4</sup>~~3~~, amend as follows:

~~Background Information~~ Background of the Invention

Page 1, amend the paragraph in lines 4-6 as follows:

The present invention relates to a method and an arrangement for correcting an angle-measuring and/or distance-measuring sensor system ~~according to the preamble of the main claim.~~

A.B.  
9/1/09

Page 2, line <sup>21</sup>~~20~~, amend as follows:

~~Advantages of the Invention~~ Summary of the Invention

A.B.  
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Page 4, line <sup>13</sup>~~12~~, delete the title "Drawing" in its entirety.

A.B.  
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Page <sup>4</sup>~~14~~, between lines <sup>13</sup>~~14~~ and <sup>14</sup>~~15~~, insert the following

heading:

Brief Description of the Drawings

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A.B.  
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Page <sup>4</sup>~~14~~, line <sup>22</sup>~~19~~, amend as follows:

~~Detailed Description of the Exemplary~~  
~~Embodiment~~ Description of the Preferred Embodiments